

# HLEL SERIES

## Hazardous Location Emergency Light

Charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation. 120/277 VAC input, surge protection, brownout, AC lockout and low voltage disconnect features are standard.

Sealed beam PAR 36 tungsten or halogen heads

View through window

Impact resistant fiberglass reinforced polyester housing

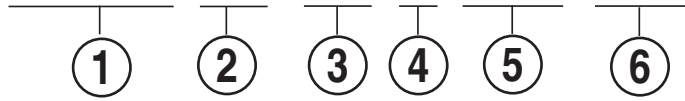
Stainless steel external hardware



Maintenance free, sealed lead calcium battery has an estimated service life of five years and an operating temperature range of 65° F (19° C) to 85° F (30° C). Maintenance free, sealed nickel cadmium battery has an estimated service life of ten years, and at an operating temperature range of 65° F (19° C) to 85° F (30° C). Batteries supply 90 minutes of emergency power.

**Catalog Number Logic**

**HLEL**



**1**

**BASIC SERIES**

HLEL Hazardous Location Emergency Light  
 HLEL = Class I, Division 2, Groups A, B, C & D  
 Class I, Zone 2, Groups IIA, IIB (+ H<sub>2</sub>), & IIC  
 Class II, Division 2, Groups F & G  
 UL 844 & UL 924

**2**

**UNIT WATTAGE**

25 = 25 Watts  
 50 = 50 Watts  
 75 = 75 Watts  
 100 = 100 Watts  
 125 = 125 Watts  
 150 = 150 Watts

**3**

**BATTERY TYPE**

S6 = 6V DC Sealed Lead Calcium  
 S12 = 12V DC Sealed Lead Calcium  
 N6 = 6V DC Sealed Nickel Cadmium  
 N12 = 12V DC Sealed Nickel Cadmium

**4**

**NUMBER OF HEADS**

0 = Zero Heads (Blank)  
 2 = Two Heads  
 3 = Three Heads

**5**

**LAMP HEAD TYPE**

T68 = Tungsten, 6V DC, 8W  
 T618 = Tungsten, 6V DC, 18W  
 T625 = Tungsten, 6V DC, 25W  
 T128 = Tungsten, 12V DC, 8W  
 T1218 = Tungsten, 12V DC, 18W  
 T1225 = Tungsten, 12V DC, 25W  
 H68 = Halogen, 6V DC, 8W  
 H612 = Halogen, 6V DC, 12W  
 H128 = Halogen, 12V DC, 8W  
 H1212 = Halogen, 12V DC, 12W

**6**

**OPTIONS**

A = Ammeter  
 SD = Self Diagnostics  
 ASD = Audible Self Diagnostics  
 TD = Time Delay, 15 Minute  
 V = Voltmeter

**Certification Guide**

**OPERATING TEMPERATURE CODE**

HLEL SERIES	CLASS I, DIVISION 2 GROUPS A, B, C & D	CLASS I, ZONE 2 GROUPS IIA, IIB (+ H <sub>2</sub> ) & IIC	CLASS II, DIVISION 2 GROUPS F & G	AMBIENT TEMP. RATING
25-150 Watt	T3C (160°C/320°F)	T3 (200°C/392°F)	T3C (160°C/320°F)	25° C MAXIMUM



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class I, Zone 2, Groups IIA, IIB and IIC
- UL 844 & 924
- Fiberglass reinforced poyester housing
- View through window
- Optional voltmeter and ammeter
- Self testing or manual testing
- Lead calcium or nickel cadmium battery
- Zero, two or three head options
- PAR 36 tungsten or halogen lamps
- Complies with NFPA 101, NEC, BOCA and IBC standards
- Meets Buy American requirements
- 120/277V 60 HZ Dual Voltage

## Two Head with Tungsten Lamps & Lead Calcium Battery

Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)	Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)
6V Sealed Lead Calcium Battery 6V, 8 Watt Lamp	25	HLEL-25-S6-2-T68	27.0	12V Sealed Lead Calcium Battery 12V, 8 Watt Lamp	25	HLEL-25-S12-2-T128	33.0
	50	HLEL-50-S6-2-T68	31.0		50	HLEL-50-S12-2-T128	33.0
6V Sealed Lead Calcium Battery 6V, 18 Watt Lamp	25	HLEL-25-S6-2-T618	27.0		100	HLEL-100-S12-2-T128	41.0
	50	HLEL-50-S6-2-T618	31.0		125	HLEL-125-S12-2-T128	41.0
6V Sealed Lead Calcium Battery 6V, 25 Watt Lamp	25	HLEL-25-S6-2-T625	27.0	12V Sealed Lead Calcium Battery 12V, 18 Watt Lamp	50	HLEL-50-S12-2-T1218	33.0
	50	HLEL-50-S6-2-T625	41.0		100	HLEL-100-S12-2-T1218	41.0
					125	HLEL-125-S12-2-T1218	41.0
				12V Sealed Lead Calcium Battery 12V, 25 Watt Lamp	50	HLEL-50-S12-2-T1225	33.0
					100	HLEL-100-S12-2-T1225	41.0
					125	HLEL-125-S12-2-T1225	41.0



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class I, Zone 2, Groups IIA, IIB and IIC
- UL 844 & 924
- Fiberglass reinforced polyester housing
- View through window
- Optional voltmeter and ammeter
- Self testing or manual testing
- Lead calcium or nickel cadmium battery
- Zero, two or three head options
- PAR 36 tungsten or halogen lamps
- Complies with NFPA 101, NEC, BOCA and IBC standards
- Meets Buy American requirements
- 120/277V 60 HZ Dual Voltage

**Two Head with Tungsten Lamps & Nickel Cadmium Battery**

Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)	Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)
6V Sealed Nickel Cadmium Battery 6V, 8 Watt Lamp	25	HLEL-25-N6-2-T68	27.0	12V Sealed Nickel Cadmium Battery 12V, 8 Watt Lamp	25	HLEL-25-N12-2-T128	33.0
	50	HLEL-50-N6-2-T68	31.0		50	HLEL-50-N12-2-T128	33.0
	75	HLEL-75-N6-2-T68	31.0		100	HLEL-100-N12-2-T128	41.0
			125		HLEL-125-N12-2-T128	41.0	
					150	HLEL-150-N12-2-T128	41.0
6V Sealed Nickel Cadmium Battery 6V, 18 Watt Lamp	50	HLEL-50-N6-2-T618	31.0	12V Sealed Nickel Cadmium Battery 12V, 18 Watt Lamp	25	HLEL-25-N12-2-T1218	33.0
	75	HLEL-75-N6-2-T618	31.0		50	HLEL-50-N12-2-T1218	33.0
					100	HLEL-100-N12-2-T1218	41.0
					125	HLEL-125-N12-2-T1218	41.0
					150	HLEL-150-N12-2-T1218	41.0
6V Sealed Nickel Cadmium Battery 6V, 25 Watt Lamp	50	HLEL-50-N6-2-T625	31.0	12V Sealed Nickel Cadmium Battery 12V, 25 Watt Lamp	25	HLEL-25-N12-2-T1225	33.0
	75	HLEL-75-N6-2-T625	31.0		50	HLEL-50-N12-2-T1225	33.0
					100	HLEL-100-N12-2-T1225	41.0
					125	HLEL-125-N12-2-T1225	41.0
					150	HLEL-150-N12-2-T1225	41.0

**CLASS 1 & 2 DIVISION 1 & 2 EMERGENCY LIGHT**



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class I, Zone 2, Groups IIA, IIB and IIC
- UL 844 & 924
- Fiberglass reinforced polyester housing
- View through window
- Optional voltmeter and ammeter
- Self testing or manual testing
- Lead calcium or nickel cadmium battery
- Zero, two or three head options
- PAR 36 tungsten or halogen lamps
- Complies with NFPA 101, NEC, BOCA and IBC standards
- Meets Buy American requirements
- 120/277V 60 HZ Dual Voltage

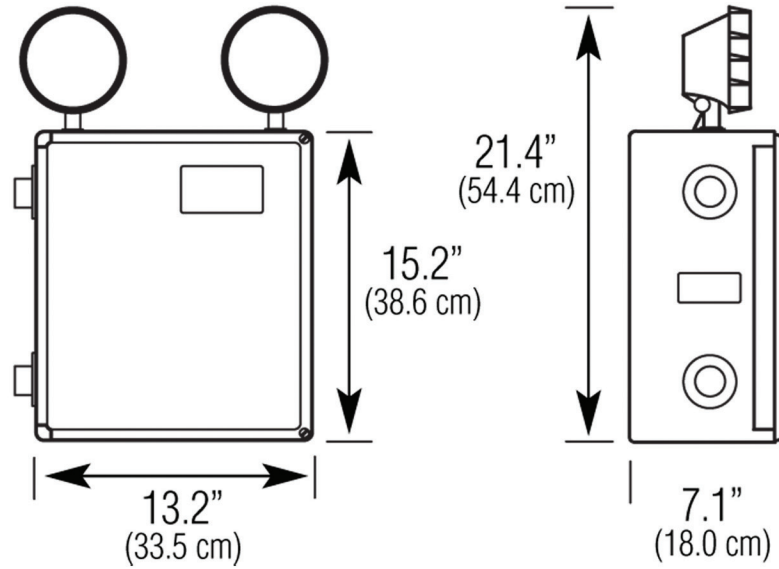
**Two Head with Halogen Lamps & Lead Calcium Battery**

Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)	Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)
6V Sealed Lead Calcium Battery 6V, 8 Watt Lamp	25	HLEL-25-S6-2-H68	28.0	12V Sealed Lead Calcium Battery 12V, 8 Watt Lamp	25	HLEL-25-S12-2-H128	33.0
	50	HLEL-50-S6-2-H68	32.0		50	HLEL-50-S12-2-H128	33.0
6V Sealed Lead Calcium Battery 6V, 12 Watt Lamp	25	HLEL-25-S6-2-H612	27.0		100	HLEL-100-S12-2-H128	41.0
	50	HLEL-50-S6-2-H612	31.0		125	HLEL-125-S12-2-H128	41.0
6V Sealed Lead Calcium Battery 6V, 12 Watt Lamp	25	HLEL-25-S6-2-H612	27.0	12V Sealed Lead Calcium Battery 12V, 12 Watt Lamp	25	HLEL-25-S12-2-H1212	33.0
	50	HLEL-50-S6-2-H612	31.0		50	HLEL-50-S12-2-H1212	33.0
6V Sealed Lead Calcium Battery 6V, 12 Watt Lamp	25	HLEL-25-S6-2-H612	27.0		100	HLEL-100-S12-2-H1212	41.0
	50	HLEL-50-S6-2-H612	31.0		125	HLEL-125-S12-2-H1212	41.0

**Two Head with Halogen Lamps & Nickel Cadmium Battery**

Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)	Description	Watts	Catalog Number 120/277V 60 HZ	Shipping Weight (lbs.)
6V Sealed Nickel Cadmium Battery 6V, 8 Watt Lamp	25	HLEL-25-N6-2-H68	27.0	12V Sealed Nickel Cadmium Battery 12V, 8 Watt Lamp	25	HLEL-25-N12-2-H128	33.0
	50	HLEL-50-N6-2-H68	31.0		50	HLEL-50-N12-2-H128	33.0
	75	HLEL-75-N6-2-H68	31.0		100	HLEL-100-N12-2-H128	41.0
6V Sealed Nickel Cadmium Battery 6V, 12 Watt Lamp	25	HLEL-25-N6-2-H612	27.0		125	HLEL-125-N12-2-H128	41.0
	50	HLEL-50-N6-2-H612	31.0		150	HLEL-150-N12-2-H128	41.0
	75	HLEL-75-N6-2-H612	31.0	12V Sealed Nickel Cadmium Battery 12V, 12 Watt Lamp	25	HLEL-25-N12-2-H1212	33.0
6V Sealed Nickel Cadmium Battery 6V, 12 Watt Lamp	25	HLEL-25-N6-2-H612	27.0		50	HLEL-50-N12-2-H1212	33.0
	50	HLEL-50-N6-2-H612	31.0		100	HLEL-100-N12-2-H1212	41.0
	75	HLEL-75-N6-2-H612	31.0		125	HLEL-125-N12-2-H1212	41.0
					150	HLEL-150-N12-2-H1212	41.0

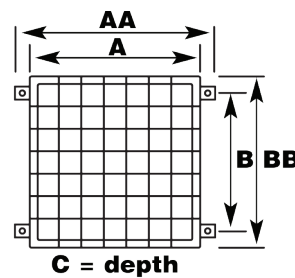
**Dimensional Drawings**



**Accessories**

	Catalog No.	Description	Shipping Weight (Lbs.)
	ICIR	Hand Held Infra-Red Remote  Range: 30-40 feet	.25

WIRE GUARD	Catalog No.	Description	Shipping Weight (Lbs.)
	WG5	Standard Wire Guard	1.5



Wire Guard Dimensions

- A = 20.0"
- AA = 26.0"
- B = 20.0"
- BB = 26.0"
- C = 11.0"